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**North America  
Intellectual Property Corporation**

P.O. BOX 506, Merrifield, VA 22116, U.S.A.

Voice Mail: 302-729-1562

FAX: 806-498-6673

e-mail: [winstonhsu@naipo.com](mailto:winstonhsu@naipo.com)

Customer No.: 27765

**Fax To:** LE, DON P  
**Art Unit:** 2819

**Tel.:** (571) 272-1806  
**Fax:** (703) 872-9306

**From :** Winston Hsu, Registration No. 41,526

**Serial No.:** 10/708,295

**Attorney Docket No.:** REAP0015USA

**Subject:** Response to the Office Action mailed on 05/12/2005

**Total Pages:** 12 pages (including cover page)

Winston Hsu 06/27/2005

REAP0015USA0\_A2\_1

PTO/SB/97 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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- |                                   |         |
|-----------------------------------|---------|
| (1) Transmittal Form              | 1 PAGE  |
| (2) Fee Transmittal               | 1 PAGE  |
| (3) Response to the Office Action | 8 PAGES |

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PTO/SB/21 (09-04)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE*Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.***TRANSMITTAL  
FORM***(to be used for all correspondence after initial filing)*

Total Number of Pages In This Submission

10

Application Number	10/708,295
Filing Date	02/23/2004
First Named Inventor	Chia-Liang Chiang
Art Unit	2819
Examiner Name	LE, DON P
Total Number of Pages In This Submission	REAP0015USA

**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> <i>Reply to Missing Parts under 37 CFR 1.52 or 1.53</i>		
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	North America Intellectual Property Corporation		
Signature	<i>Winston Hsu</i>		
Printed name	Winston Hsu		
Date	06/27/2005	Reg. No.	41,526

**CERTIFICATE OF TRANSMISSION/MAILING**

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Typed or printed name			
	Date		

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04)  
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<small>Effective on 12/08/2004. Fee pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</small>	
<b>FEE TRANSMITTAL</b>	
For FY 2005	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	
TOTAL AMOUNT OF PAYMENT	(\$ 100)

**Complete If Known**

Application Number	10/708,295
Filing Date	02/23/2004
First Named Inventor	Chia-Liang Chiang
Examiner Name	LE, DON P.
Art Unit	2819
Attorney Docket No.	REAP0015USA

**METHOD OF PAYMENT (check all that apply)**

Check    Credit Card    Money Order    None    Other (please identify): \_\_\_\_\_  
 Deposit Account   Deposit Account Number: **50-3105**   Deposit Account Name: North America Intellectual Property Corp.

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 Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17    Credit any overpayments

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**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		<u>Fees Paid (\$)</u>
	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

**2. EXCESS CLAIM FEES**

Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

Fee (\$) 50   Fee (\$) 25

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

Fee (\$) 200   Fee (\$) 100

Multiple dependent claims

Fee (\$) 360   Fee (\$) 180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
22	- 20 or HP = 2	x 50	= 100			
	HP = highest number of total claims paid for, if greater than 20					

Indep. Claims   Extra Claims   Fee (\$)   Fee Paid (\$)

- 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3

Total Sheets   Extra Sheets   Number of each additional 50 or fraction thereof   Fee (\$)   Fee Paid (\$)

- 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEES(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: \_\_\_\_\_

**SUBMITTED BY**

<u>Signature</u>	<i>Winston Hsu</i>	Registration No. 41,526 (Attorney/Agent)	Telephone 302-729-1562
Name (Print/Type)	Winston Hsu		Date 06/27/2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**Low-TO-High LEVEL SHIFTER**

Appl. No.	:	10/708,295	Confirmation No.	2294
Applicant	:	CHIANG, CHIA-LIANG		
Filed	:	February 23, 2004		
TC/A.U.	:	2819		
Examiner	:	Don P. Le		
Docket No.	:	REAP0015USA		
Customer No.	:	27765		

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

**AMENDMENT**

In response to the Office action of May 12, 2005, please amend the above-identified  
5 application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begin on page 2 of  
this paper.

**Remarks/Arguments** begin on page 7 of this paper.